

ABSTRACT

A method for improving resolution of a current mode driver. The current mode driver is operable to provide an output that falls within a predetermined range. An embodiment of the method includes sensing a condition, such as a process condition, a voltage condition and a temperature condition. A full scale current of a digital-to-analog converter is adjusted in accordance with the condition. A current control signal is set based on an output of the digital-to-analog converter. The sensing step may include measuring a process, voltage or temperature sensitive DC parameter. Alternatively, the sensing step may include sensing a process, voltage or temperature sensitive AC parameter.